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EL686016681US  
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Parameter	Unit	Value
Initial concentration of $\text{Fe}^{2+}$	$\text{mol L}^{-1}$	0.01
Initial concentration of $\text{Fe}^{3+}$	$\text{mol L}^{-1}$	0.01
Initial concentration of $\text{H}_2\text{O}_2$	$\text{mol L}^{-1}$	0.01
Initial concentration of $\text{H}^+$	$\text{mol L}^{-1}$	0.1
Temperature	$^{\circ}\text{C}$	25
Time	min	0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 360, 380, 400, 420, 440, 460, 480, 500, 520, 540, 560, 580, 600, 620, 640, 660, 680, 700, 720, 740, 760, 780, 800, 820, 840, 860, 880, 900, 920, 940, 960, 980, 1000
Concentration of $\text{Fe}^{2+}$	$\text{mol L}^{-1}$	0.01
Concentration of $\text{Fe}^{3+}$	$\text{mol L}^{-1}$	0.01
Concentration of $\text{H}_2\text{O}_2$	$\text{mol L}^{-1}$	0.01
Concentration of $\text{H}^+$	$\text{mol L}^{-1}$	0.1
Rate constant $k_1$	$\text{min}^{-1}$	0.01
Rate constant $k_2$	$\text{min}^{-1}$	0.01
Rate constant $k_3$	$\text{min}^{-1}$	0.01
Rate constant $k_4$	$\text{min}^{-1}$	0.01
Rate constant $k_5$	$\text{min}^{-1}$	0.01
Rate constant $k_6$	$\text{min}^{-1}$	0.01
Rate constant $k_7$	$\text{min}^{-1}$	0.01
Rate constant $k_8$	$\text{min}^{-1}$	0.01
Rate constant $k_9$	$\text{min}^{-1}$	0.01
Rate constant $k_{10}$	$\text{min}^{-1}$	0.01
Rate constant $k_{11}$	$\text{min}^{-1}$	0.01
Rate constant $k_{12}$	$\text{min}^{-1}$	0.01
Rate constant $k_{13}$	$\text{min}^{-1}$	0.01
Rate constant $k_{14}$	$\text{min}^{-1}$	0.01
Rate constant $k_{15}$	$\text{min}^{-1}$	0.01
Rate constant $k_{16}$	$\text{min}^{-1}$	0.01
Rate constant $k_{17}$	$\text{min}^{-1}$	0.01
Rate constant $k_{18}$	$\text{min}^{-1}$	0.01
Rate constant $k_{19}$	$\text{min}^{-1}$	0.01
Rate constant $k_{20}$	$\text{min}^{-1}$	0.01
Rate constant $k_{21}$	$\text{min}^{-1}$	0.01
Rate constant $k_{22}$	$\text{min}^{-1}$	0.01
Rate constant $k_{23}$	$\text{min}^{-1}$	0.01
Rate constant $k_{24}$	$\text{min}^{-1}$	0.01
Rate constant $k_{25}$	$\text{min}^{-1}$	0.01
Rate constant $k_{26}$	$\text{min}^{-1}$	0.01
Rate constant $k_{27}$	$\text{min}^{-1}$	0.01
Rate constant $k_{28}$	$\text{min}^{-1}$	0.01
Rate constant $k_{29}$	$\text{min}^{-1}$	0.01
Rate constant $k_{30}$	$\text{min}^{-1}$	0.01
Rate constant $k_{31}$	$\text{min}^{-1}$	0.01
Rate constant $k_{32}$	$\text{min}^{-1}$	0.01
Rate constant $k_{33}$	$\text{min}^{-1}$	0.01
Rate constant $k_{34}$	$\text{min}^{-1}$	0.01
Rate constant $k_{35}$	$\text{min}^{-1}$	0.01
Rate constant $k_{36}$	$\text{min}^{-1}$	0.01
Rate constant $k_{37}$	$\text{min}^{-1}$	0.01
Rate constant $k_{38}$	$\text{min}^{-1}$	0.01
Rate constant $k_{39}$	$\text{min}^{-1}$	0.01
Rate constant $k_{40}$	$\text{min}^{-1}$	0.01
Rate constant $k_{41}$	$\text{min}^{-1}$	0.01
Rate constant $k_{42}$	$\text{min}^{-1}$	0.01
Rate constant $k_{43}$	$\text{min}^{-1}$	0.01
Rate constant $k_{44}$	$\text{min}^{-1}$	0.01
Rate constant $k_{45}$	$\text{min}^{-1}$	0.01
Rate constant $k_{46}$	$\text{min}^{-1}$	0.01
Rate constant $k_{47}$	$\text{min}^{-1}$	0.01
Rate constant $k_{48}$	$\text{min}^{-1}$	0.01
Rate constant $k_{49}$	$\text{min}^{-1}$	0.01
Rate constant $k_{50}$	$\text{min}^{-1}$	0.01
Rate constant $k_{51}$	$\text{min}^{-1}$	0.01
Rate constant $k_{52}$	$\text{min}^{-1}$	0.01
Rate constant $k_{53}$	$\text{min}^{-1}$	0.01
Rate constant $k_{54}$	$\text{min}^{-1}$	0.01
Rate constant $k_{55}$	$\text{min}^{-1}$	0.01
Rate constant $k_{56}$	$\text{min}^{-1}$	0.01
Rate constant $k_{57}$	$\text{min}^{-1}$	0.01
Rate constant $k_{58}$	$\text{min}^{-1}$	0.01
Rate constant $k_{59}$	$\text{min}^{-1}$	0.01
Rate constant $k_{60}$	$\text{min}^{-1}$	0.01
Rate constant $k_{61}$	$\text{min}^{-1}$	0.01
Rate constant $k_{62}$	$\text{min}^{-1}$	0.01
Rate constant $k_{63}$	$\text{min}^{-1}$	0.01
Rate constant $k_{64}$	$\text{min}^{-1}$	0.01
Rate constant $k_{65}$	$\text{min}^{-1}$	0.01
Rate constant $k_{66}$	$\text{min}^{-1}$	0.01
Rate constant $k_{67}$	$\text{min}^{-1}$	0.01

[illegible]

3.   X   The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to Deposit Account No. 50-0852. A duplicate of this sheet is enclosed.
4.   X   A check in the amount of \$355.00 is enclosed.
5.   X   Cancel in this application original Claims 1-9 and 18-20 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
6.   X   Change the title of the present divisional application to read: --AUTOMOTIVE EMISSION REDUCTION METHOD--.
7.   X   Amend the specification by inserting before the first line the sentence: --This is a          continuation,   X   division, of application Serial No. 09/175,677, filed on October 20, 1998--.
8.   X   Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May only be used if signed by person authorized by 1.138 and before payment of Base Issue Fee.)
- 8a.        New formal drawings are enclosed.
- 8b.        Priority of application Serial No.                                  filed on                                  in   USA   (country) is claimed under 35 USC 119.  
       The certified copy has been filed in prior application Serial No.                                  filed in                                  (country).
9.        The prior application is assigned of record to:

10. X The power of attorney in the prior application is to:

Eric T. Jones  
Reising, Ethington,  
Learman & McCulloch, PLLC  
P.O. Box 4390  
Troy, Michigan 48099-4390

(May only be completed by Applicant, or attorney, or agent of record.)

- 10a. X The power appears in the original papers in the prior application.
- 10b.      Since the power does not appear in the original papers, a copy of the power filed in the U.S. Patent and Trademark Office on in the prior application is enclosed.
- 10c. X Address all future communications to:

Eric T. Jones  
Reising, Ethington, Barnes, Kisselle,  
Learman & McCulloch, P.C.  
P.O. Box 4390  
Troy, Michigan 48099-4390

(May only be completed by Applicant, or attorney, or agent of record)

11.      A Preliminary Amendment is enclosed. (Claims added by this Amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
12. X I hereby verify that the attached papers are a true copy of prior application Serial No. 09/175,677 originally filed on October 20, 1998, and Executed Declaration filed October 20, 1998.

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The undersigned declare further all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that theses statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

December 22, 2000  
Date

~~Eric T. Jones  
Attorney of Record  
Registration No. 40,037~~